

# Backup and Reset

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*Back up your data to Google servers. You can also reset your device to its factory defaults.*

## Backup and Restore Samsung Account

Enable backup of your information to Samsung servers.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** for options:
  - **Back up my data:** Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
  - **Restore:** Enable automatic restoration of settings from Samsung servers. When enabled, backed-up settings are restored when you reinstall an application.

## Backup and Restore

Enable backup of your information to Google servers.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** for options:
  - **Backup account:** Select a Google Account to be used as your backup account.
  - **Back up my data:** Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
  - **Automatic restore:** Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

## Factory Data Reset

Return your device to its factory defaults.

**Warning:** This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Backup and reset** > **Factory data reset**.
3. Tap **RESET DEVICE** and follow the prompts to perform the reset.

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# Language and Input Settings

*Configure your device's language and input settings.*

## Set Your Default Language

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Language**.
3. Select a language from the list.

## Select Your Default Keyboard or Input Method

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Default keyboard**.
3. Select a keyboard.

**Note:** Additional keyboards can be downloaded from the Google Play store.

## Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap **Samsung keyboard** for options:
  - **Input languages:** Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.

- **Smart typing:** Allow Predictive text to suggest words matching your text entries, and, optionally, complete common words automatically. Predictive text can learn your personal writing style from your contacts, messages, Gmail, and social networking sites—improving its accuracy of predicting your text entries. Additional settings provide assistance with capitalization, punctuation, and much more.
- **Key-tap feedback:** Adjust the sound and character preview when you tap a key.
- **Other settings:** Adjust the keyboard size and reset settings to their factory defaults.

## Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

**Note:** Some of these settings do not appear until you are logged in to a Google Account and use Google Search.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input**.
3. Tap **Google voice typing** for options:
  - **Tablet search:** Tap Google Account data to include or exclude from tablet searches.
  - **Voice:** Configure options for voice searches.
  - **Accounts & privacy:** Configure options for your Google Accounts and privacy.
  - **Notifications:** Configure notifications from Google Now. This only appears if Google Now is turned on.

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## Voice Input

Use Google voice recognition to perform Google searches using spoken commands.

To perform a voice search, tap  in the Google search bar or widget. Or say “Ok Google” to launch a Google search (if the hotword detection option is enabled).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Voice input** for options.
3. Tap **Enhanced Google services** for full voice interaction or **Basic Google recognition** for simple voice recognition.
4. Tap  **Settings** next to the selected option to configure its options.

## Text-To-Speech Options

Configure your Text-To-Speech (TTS) options. TTS is used for various accessibility features, such as Voice Assistant. For more information, see [Accessibility](#).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Text-to-speech options** for options:
  - Tap  **Settings** next to an available text-to speech engine for options.
  - **Speech rate**: Set the speed at which the text is spoken.
  - **Default language status**: Display the default language in use.

## Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Language and input** > **Pointer speed**.
3. Drag the slider to the right to go faster or to the left to go slower.
4. Tap **OK** to save your setting.

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# Battery

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*View how battery power is used for device activities.*

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Battery** for options:
  - **Power saving mode:** Tap **ON/OFF** to turn the feature on, and customize options.
  - **Ultra power saving mode:** Tap **ON/OFF** to turn the feature on.
  - **Display battery percentage:** Display the battery charge percentage next to the battery icon on the Status bar.
  - **Battery Chart:** The battery level displays as a percentage. The amount of time the battery has been used also displays.
  - Tap **REFRESH** to update the listing.

## Apps and OS Usage

Battery usage displays in percentages per application.

1. Tap an option to see how they are affecting battery use.
2. Tap **REFRESH** to update the listing.

**Note:** Other applications may be running that affect battery use.

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# Storage

*View the device memory and usage.*

## Device Memory

View and manage the memory used by the device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage**.
  - The Device memory displays Total space.
  - The amounts of memory used are further divided into Available space, System memory, Used space, Cached data, and Miscellaneous files.

To increase available memory:

1. Tap **Cached data** to clear cached data for all apps. Tap **DELETE** to confirm.
2. Tap **Miscellaneous files** and select a file to delete. After selecting one file, you have the option to select other files, or tap **SELECT ALL** to select all miscellaneous files. Tap **DELETE**.

## Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory displays as Total space and Available space.

## Install a Memory Card

You can use an optional microSD or microSDHC card (not included) to add additional memory space to your device.



**Caution:** Exercise care when using the metallic removal tool to eject the Memory card tray.

1. Insert the removal tool into the hole on the Memory card tray, and push until the tray pops out.
2. Place the memory card on the tray, and slide the tray back into the slot.

## Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you will need to mount it before it can be accessed.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Mount SD card**.

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## Remove a Memory Card

**Warning:** To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Unmount SD card**.
3. Insert the removal tool into the hole on the Memory card tray, and push until the tray pops out.
4. Remove the Memory card from the tray, and slide the tray back into the slot.

## Format a Memory Card

**Warning:** When formatting an SD card, you should back up your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Storage** > **Format SD card** and follow the prompts.

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# Accessories

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*Configure options when using a book cover (not included).*

Flip the cover open to unlock the screen when secure lock is turned off.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **Accessories** > **Automatic unlock** to enable this feature.

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# Date and Time Settings

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*By default, your device receives date and time information from the wireless network.*

*When you are outside network coverage, you may want to set date and time information manually using the date and time settings.*

1. From a Home screen, tap  **Apps > Settings**.
2. Tap **Date and time**.
3. The following options are available:
  - **Automatic date and time:** When enabled, the device takes date and time updates from the wireless network.
  - **Set date:** Enter the current date (only available when Automatic date and time is disabled).
  - **Set time:** Enter the current time (only available when the Automatic setting is disabled).
  - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).
  - **Use 24-hour format:** Set the format for time displays.
  - **Select date format:** Set the format for date displays.

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# About Your Device

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*View information about your device, including status, legal information, hardware and software versions, and a tutorial.*

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **About device**, and then tap items for more details:
  - **Software update**: Check for and install available software updates.
  - **Status**: View the status of the battery, network, and other information about your device.
  - **Legal information**: View legal notices and other legal information.
  - **Device name**: View and change your device's name.
  - Additional device information includes the Model number, Android version, Build number, and more.

## Software Updates

Use Software update to update your device's software.

1. From a Home screen, tap  **Apps** >  **Settings**.
2. Tap **About device** > **Software update** for the following options:
  - Tap **Update now** and follow the prompts to check for available software updates to download and install.
  - Tap **Auto update** to be alerted whenever there is a new software update available.

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## Health and safety information

### Exposure to Radio Frequency (RF) Signals

#### Certification Information (SAR)

Your wireless device is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC

requires wireless devices to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using recommended operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model are performed in positions and locations (e.g. near the body) as required by the FCC.

For typical operations, this model has been tested and meets the FCC exposure guidelines.

SAR information on this and other models can be viewed on-line at <http://www.fcc.gov/oet/ea/fccid/>. This site uses the FCC ID number A3LSMW700.

You can check the FCC ID on the rear case. Once you have the FCC ID number for a particular device, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular device. Additional product specific SAR information can also be obtained at [www.fcc.gov/cgb/sar](http://www.fcc.gov/cgb/sar).

### Operating Environment

Remember to follow any special regulations in force in any area and always switch your device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

## FCC Notice and Cautions

### FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the device if such interference cannot be eliminated. Vehicles using petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

### Cautions

Changes or modifications made in the radio device, not expressly approved by Samsung, will void the user's authority to operate the equipment.

The use of any unauthorized accessories may be dangerous and void the device warranty if said accessories cause damage or a defect to the device. Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

This device is capable of operating in 802.11a/n/ac mode. For 802.11a/n/ac devices operating in the frequency range of 5.15 - 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. WIFI Access Points that are capable of allowing your device to operate in 802.11a/n/ac mode (5.15 - 5.25 GHz band) are optimized for indoor use only. If your WIFI network is capable of operating in this mode, please restrict your WIFI use indoors to not violate federal regulations to protect Mobile Satellite Services.